

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor, comprising:

 inserting a body of an operation apparatus having a guide at a lower portion into the pressure vessel;

 providing an incline of the guide with respect to a vertical axis while inserting the guide into an opening of a pump in the pressure vessel; and

 after inserting the guide, inserting at least a portion of the body into an interior of the pump.

2. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 1 wherein,

 providing an incline of the guide includes adjusting an angle of incline of the guide to an appropriate angle.

3. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 1 further comprising:

 after inserting at least a portion of the body, adjusting an angle of the guide; and

 after adjusting an angle of the guide, performing an operation with a tool at a lower portion of the body.

4. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 1 further comprising:

 after inserting at least a portion of the body, adjusting an angle of the guide; and

 after adjusting an angle of the guide, performing an operation with guide as a tool of the operation.

5. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 1 further comprising:

 after inserting at least a portion of the body, pivoting a tool at a lower portion of the body about the vertical axis; and

 after pivoting a tool, performing an operation with the tool.

6. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 1 further comprising:

 after inserting at least a portion of the body, adjusting an angle of a tool at a lower portion of the body with respect to the vertical axis;

 after adjusting an angle of a tool, performing an operation with the tool.

7. (Withdrawn) A method for an execution of an operation in a pressure vessel of a nuclear reactor according to claim 1 further comprising:

 permitting the force of gravity on the guide to draw the body into the interior of the pump.

8. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 1 further comprising:

 after inserting at least a portion of the body, extending a first plurality supports attached to the body; and

 stabilizing the first plurality of supports against a first plurality of interior surfaces of the pump.

9. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 7 further comprising:

 after inserting at least a portion of the body, extending a second plurality of supports attached to the body; and

 stabilizing the second plurality of supports against a second plurality of interior surfaces of the pump below the first plurality of interior surfaces.

10. (Withdrawn) A method for executing an operation in a pressure vessel of a nuclear reactor according to claim 1 further comprising:

after inserting at least a portion of the body, restoring the guide to an original position with respect to the body.

11. (Currently Amended) An apparatus for executing an operation in a vessel of a nuclear reactor, comprising:

a body capable of being suspended and lowered into the vessel during the operation;

a tool attached to the body for at least one of repairing and inspecting an interior of a pump in the vessel;

~~a guide supported at a lower portion of the body, the guide having an inclined surface with respect to a vertical axis of the body when the body is suspended, wherein the guide is movably supported at a lower portion of the body so that the inclined surface of the guide is first inserted into the pump when the body is suspended and lowered into the vessel.~~

12. (Currently Amended) An apparatus for executing an operation in a vessel of nuclear reactor according to claim 11,

wherein the guide includes at least one of a guide rod and a guide surface inclined at ~~an appropriate a predetermined angle with respect to a to the vertical axis.~~

13. (Currently Amended) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11,

wherein the guide is freely supported at the lower portion of the body and inclined at ~~an appropriate a predetermined angle with respect to a to the vertical axis due to gravitational force.~~

14. (Currently Amended) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11,

wherein the guide is biased to return to an appropriate position ~~a predetermined angle with respect to the body.~~

15. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11,

wherein an angle between the guide and the body is adjustable.

16. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11,

wherein the tool commonly serves as the guide.

17. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11, wherein the body includes:

at least 3 members interconnected by joints, at least one of the joints being at least one of a rotational joint and a bending joint; and

a plurality of extendable supports capable of stabilizing the body against a first plurality of interior surfaces of the pump.

18. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11 further comprising:

a first plurality of extendable supports attached to the body and capable of stabilizing the body against a first plurality of interior surfaces of the pump.

19. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 18 further comprising:

a second plurality of extendable supports attached to the body and capable of stabilizing the body against a second plurality of interior surfaces of the pump.

20. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 11 wherein,

the body includes a plurality of joints, the joints including a joint that rotates around the vertical axis and a joint that adjusts an angle with respect to the vertical axis.

21. (Currently Amended) An apparatus for executing an operation in a pressure vessel of a nuclear reactor, comprising:

a body capable of being suspended and lowered into the vessel during the operation;

a tool attached to the body for at least one of repairing and inspecting an interior of a pump in the pressure vessel;

~~a guide supported at a lower portion of the body, the guide capable of being inclined with respect to a vertical axis of the body when the body is suspended, and wherein the guide is movably supported at a lower portion of the body so that the guide is inserted into the pump along a tapering surface of an opening in the pump when the body is suspended and lowered in the pressure vessel.~~

22. (Currently Amended) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21,

wherein the guide is freely supported at the lower portion of the body and inclined at an appropriate a predetermined angle with respect to a to the vertical axis due to gravitational force.

23. (Currently Amended) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21,

wherein the guide is biased to return to an appropriate position a predetermined angle with respect to the body.

24. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21,

wherein an angle between the guide and the body is adjustable.

25. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21,

wherein the tool commonly serves as the guide.

26. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21, wherein the body includes:

at least 3 members interconnected by joints, at least one of the joints being at least one of a rotational joint and a bending joint; and

a plurality of extendable supports capable of stabilizing the body against a first plurality of interior surfaces of the pump.

27. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21 further comprising:

a first plurality of extendable supports attached to the body and capable of stabilizing the body against a first plurality of interior surfaces of the pump.

28. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 27 further comprising:

a second plurality of extendable supports attached to the body and capable of stabilizing the body against a second plurality of interior surfaces of the pump.

29. (Withdrawn) An apparatus for executing an operation in a vessel of a nuclear reactor according to claim 21 wherein,

the body includes a plurality of joints, the joints including a joint that rotates around the vertical axis and a joint that adjusts an angle with respect to the vertical axis.